

**HOGAN & HARTSON L.L.P.****500 SOUTH GRAND AVENUE  
SUITE 1900  
LOS ANGELES, CA 90071**Tel: (213) 337-6700  
Fax: (213) 337-6701**RECEIVED  
CENTRAL FAX CENTER**

DEC 05 2003

**OFFICIAL****IMPORTANT NOTICE  
TELECOPY/FACSIMILE COVER LETTER**WASHINGTON, DC  
BRUSSELS  
BUDAPEST\*  
LONDON  
MOSCOW  
PARIS\*  
PRAGUE\*  
TOKYO  
WARSAW  
BALTIMORE, MD  
BOULDER, CO  
COLORADO SPRINGS, CO  
DENVER, CO  
IRVINE, CA  
MCLEAN, VA  
MIAMI, FL  
NEW YORK, NY (PARK AVE)  
NEW YORK, NY (THIRD AVE)  
ROCKVILLE, MD

\*Affiliated Office

TO: U.S. Patent and Trademark Office  
Examiner: Karl E. Group  
Art Unit: 1755DATE: December 5, 2003FROM: Barry M. Shuman

TIME: \_\_\_\_\_

TOTAL NO. OF PAGES, INCLUDING COVER: 10

The attached information is **CONFIDENTIAL** and is intended only for the use of the addressee(s) named above. If the reader of this message is not the intended recipient(s) or the employee or agent responsible for delivering the message to the intended recipient(s), please note that any dissemination, distribution or copying of this communication is strictly prohibited. Anyone who receives this communication in error should notify us immediately by telephone and return the original message to us at the above address via the U.S. Mail.

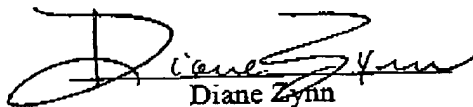
**MESSAGE:**

RE: U.S. Patent Application Serial No.: 10/005,179 Our Ref. 81863.0013

I hereby certify that the following documents:

- Amendment
- Amendment Transmittal Letter

are being facsimile transmitted to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, for filing in the above application.

December 5, 2003  
Date of Deposit  
Diane ZynnTELECOPY/FAX NUMBER: 703-872-9310 - Art Unit 1755CLIENT NUMBER: 81863.0013ATTORNEY BILLING NUMBER: 1966CONFIRMATION NUMBER: (703) 308-3821 (please return fax to Diane Zynn)

FORM PTO-1083

Attorney Docket No. 81863.0013  
Patent Application No. 10/005,179

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Toshiyuki SUE

Serial No: 10/005,179

Confirmation No.: 6916

Filed: December 4, 2001

For: DIELECTRIC CERAMIC MATERIAL AND  
DIELECTRIC RESONATOR USING THE SAME

Art Unit: 1755

Examiner: Karl E. Group

I hereby certify that this correspondence  
is being transmitted via facsimile to (703)  
872-9310:Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450 on

December 5, 2003

Date of Deposit

Diane Zynn

Name

Signature

12/05/03  
DateMail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small entity status has been claimed. See 37 CFR § 1.27.  
☒ No additional fee is required.

The fee has been calculated as shown below:

|   | (Col. 1)<br>CLAIMS REMAINING<br>AFTER AMENDMENT |   | (Col. 2)<br>HIGHEST NUMBER<br>PREVIOUSLY PAID FOR | (Col. 3)<br>PRESENT<br>EXTRA* | LG/SM<br>\$ ENTITY FEE                               | ADD'L<br>FEE DUE |
|---|---|---|---|-------------------------------|--|------------------|
| TOTAL CLAIMS FEE                                | 19  | - | 20  | 0                             | LG=\$18<br>SM=\$9                                    | \$ 0             |
| INDEPENDENT<br>CLAIMS FEE                       | 1   | - | 3   | 0                             | LG=\$86<br>SM=\$43                                   | \$ 0             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS |   |   |   |                               | LARGE ENTITY FEE = \$290<br>SMALL ENTITY FEE = \$145 | \$ 0             |
| Independent Claims: 1                           |   |   |   |                               | TOTAL  | \$ 0             |

- \* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.  
 \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.  
 \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box on Col. 1 of a prior amendment or the number of claims originally filed.

- ☐ A check in the amount of \$ 0 to cover the additional claims fee is enclosed. A copy of this sheet is enclosed.  
☐ A check in the amount of \$ 0 to cover the extension fee is enclosed. A copy of this sheet is enclosed.  
☒ The Commissioner is hereby authorized to charge any deficiencies of fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.  
☒ Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims  
☒ Any patent application processing fees under 37 C.F.R. § 1.17

Respectfully submitted,  
HOGAN & HARTSON L.L.P.

By:

Barry M. Shuman

Registration No. 50,220

Date: December 5, 2003

Biltmore Tower  
500 South Grand Avenue, Suite 1900  
Los Angeles, California 90071  
Telephone: 213 337-6700  
Facsimile: 213 337-6701

**OFFICIAL**

Appl. No. 10/005,179  
Amdt. Dated December 5, 2003  
Reply to Office Action of September 12, 2003

Attorney Docket No. 81863.0013  
Customer No.: 26021

**RECEIVED  
CENTRAL FAX CENTER**

**DEC 05 2003**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Toshiyuki SUE

Serial No: 10/005,179

Confirmation No.: 6916

Filed: December 4, 2001

For: **DIELECTRIC CERAMIC MATERIAL  
AND DIELECTRIC RESONATOR  
USING THE SAME**

Art Unit: 1755

Examiner: Group, Karl E.

I hereby certify that this correspondence  
is being transmitted via facsimile to (703)  
872-9310:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450 on

December 5, 2003

Date of Deposit

Diane Zynn

Name

Signature

12/05/03  
Date

**AMENDMENT**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated September 12, 2003, please amend the  
above-referenced application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on  
page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.